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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/757,700	01/15/2004	Sang-Cheol Min	0630-1926P	4491

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EXAMINER

HEFFINGTON, JOHN M

ART UNIT	PAPER NUMBER
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2109

SHORTENED STATUTORY PERIOD OF RESPONSE	NOTIFICATION DATE	DELIVERY MODE
3 MONTHS	02/07/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Notice of this Office communication was sent electronically on the above-indicated "Notification Date" and has a shortened statutory period for reply of 3 MONTHS from 02/07/2007.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

Office Action Summary

Application No.

10/757,700

Applicant(s)

MIN, SANG-CHEOL

Examiner

John M. Heffington

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date See Continuation Sheet.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date :7 July 2004, 11 February 2005, 3 November 2005.

DETAILED ACTION

1. This action is in response to the original filing of January 15, 2004. Claims 1-13 are pending and have been considered below.

Specification

2. The disclosure is objected to because of the following informalities:
 - a. On page 2, line 22, the word "is" after the phrase "Other services than the web connection" should be "are".
 - b. On page 8, line 4, "network" should be plural, i.e. "networks".
 - c. On page 10, line 24, "obtains" should be "obtain".

Appropriate correction is required.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claim 7 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The term "laid open" is not defined and renders a portion of the meaning of the claim indefinite

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-5, 7 and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Cowart (Windows 95 The Windows 95 Bible).

Claim 1,2,3,5 and 7: Cowart discloses a method for mobile access over a peer-to-peer network of shared resources and displaying the data in a menu (Page 988, Sharing Resources on the Network, Page 1041, Windows 95 and Portable Computing, page 969, Getting Acquainted with Peer-to-Peer Networking, page 121-125, All About Menus).

Claim 4: Cowart discloses a method as in claim 2 above for making phone numbers and other personal information available to second parties over a network (Pages 558, Personal Address Book, Page 559, MAPI diagram).

Claim 9: Cowart discloses a method for mobile access using an IP address over a peer-to-peer network of shared resources and displaying the data in a menu (Page 988, Sharing Resources on the Network, Page 1041, Windows 95 and Portable Computing,

page 969, Getting Acquainted with Peer-to-Peer Networking, page 121-125, All About Menus, page 670, Network Configuration, page 671, Figure 18.20)

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 6 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cowart in view of Park (US 2003/0039241 A1) and Traversat (US 2002/0184311 A1).

Claim 6 and 8: Cowart discloses a method for mobile access over a peer-to-peer network of shared resources and displaying the data in a menu (Page 988, Sharing Resources on the Network, Page 1041, Windows 95 and Portable Computing, page 969, Getting Acquainted with Peer-to-Peer Networking, page 121-125, All About Menus, page 670, Network Configuration, page 671, Figure 18.20) as in claim 5 above, but does not disclose connecting using a phone number. Traversat discloses that peers in a peer-to-peer network could include cell phones (paragraph 0118) and Park discloses converting a telephone number to an IP address, thereby allowing connection of peer-to-peer terminals through a converted telephone number (paragraph 0043). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to convert a telephone number to an IP address to allow connection of peers

in a peer-to-peer network. One would have been motivated to convert a telephone number to an IP address and connect peers identified by telephone number through a peer-to-peer network to allow data sharing.

9. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Park (US 2003/0039241 A1).

Claim 10: Park discloses a system and method where a DNS server correlates a phone number and an IP address. If a phone number/IP address correlation does not exist, then the system generates an error (paragraph 0036). Park does not disclose connecting the phones if an IP address cannot be found. However, it is obvious that the phones could be connected by one phone calling the other directly. Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to connect the phones directly by one phone calling the other. One would have been motivated to connect the phones directly by one phone calling the other in order make a phone call if one phone does not have an IP address.

10. Claims 12 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cowart in view of Park (US 2003/0039241 A1) and Rosen (US 20020173327 A1).

Claim 12 and 13: Cowart discloses a system for mobile access over a peer-to-peer network of shared resources and displaying the data in a menu (Page 988, Sharing Resources on the Network, Page 1041, Windows 95 and Portable Computing, page

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969, Getting Acquainted with Peer-to-Peer Networking, page 121-125, All About Menus, page 670, Network Configuration, page 671, Figure 18.20) but does not disclose being connected to a (Code Division Multiple Access) CDMA network through a base station, a base station controller and a Packet Data Serving Node (PDSN) using an IP address corresponding to a phone number. Rosen discloses peers connected in a peer-to-peer network (paragraph 0004) over a CDMA network (paragraph 0024) through a base station (paragraph 0033), a base station controller (paragraph 0046) and a PDSN (paragraph 0033) and Park discloses correlating an IP address and a phone number (paragraph 0043). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to connect peers in a peer-to-peer network using an IP address corresponding to a phone number over a CDMA network through a base station, a base station controller and a PDSN to transfer data from one peer to another. One would have motivated to connect peers through a CDMA network through a PDSN using an IP address corresponding to a phone number in order to connect cell phones.

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Raman et al. (US 2004/019539 A1) discloses a system for a prepaid billing system for wireless data networks.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to John M. Heffington whose telephone number is (571) 270-1696. The examiner can normally be reached on Mon - Fri (Alternate Fridays off) 7:30 - 5:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jim Myhre can be reached on (571) 270-1065. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JMH
1/31/2007



James W. Myhre
Supervisory Patent Examiner